

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name FREDRICK LUNDIN		FOR INSURANCE COMPANY USE
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 110 FAVRE ST		Policy Number:
City Waveland	State MS	Company NAIC Number:
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) TAX PARCEL # (161M-0-11-066.000)		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>		
A5. Latitude/Longitude: Lat. <u>N 30-16-50</u> Long. <u>W 89-22-19</u>		Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		
A7. Building Diagram Number <u>5</u>		
A8. For a building with a crawlspace or enclosure(s):		
a) Square footage of crawlspace or enclosure(s) <u>NA</u> sq ft		
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>NA</u>		
c) Total net area of flood openings in A8.b <u>NA</u> sq in		
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
A9. For a building with an attached garage:		
a) Square footage of attached garage <u>NA</u> sq ft		
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>NA</u>		
c) Total net area of flood openings in A9.b <u>NA</u> sq in		
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number Waveland 285262		B2. County Name Hancock		B3. State MS	
B4. Map/Panel Number 28045C-0363	B5. Suffix D	B6. FIRM Index Date 10-16-09	B7. FIRM Panel Effective/Revised Date 10-16-09	B8. Flood Zone(s) VE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 22
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: <u>NA</u> <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.
Benchmark Utilized: LOCAL Vertical Datum: NAVD 1988
Indicate elevation datum used for the elevations in items a) through h) below. ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____
Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

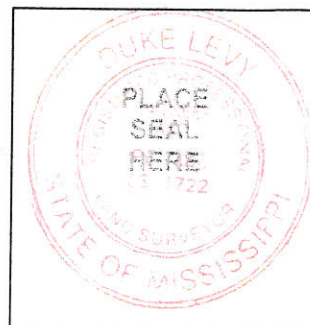
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>26.5</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	<u>NA</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>24.5</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>NA</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>25.9</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>13.1</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>13.6</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>12.9</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

☐ Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a
☐ Check here if attachments. licensed land surveyor? ☒ Yes ☐ No

Certifier's Name Duke Levy	License Number 01722
Title Surveyor	Company Name Digital Engineering
Address 314 Coleman Ave	City Waveland State MS ZIP Code 39576
Signature	Date 1-6-16 Telephone 228-463-0130



ELEVATION CERTIFICATE, page 2

IMPORTANT: In these spaces, copy the corresponding information from Section A.		FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 110 FAVRE ST		Policy Number:
City Waveland	State MS ZIP Code 39576	Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments PROJECT # 100184/015
TBM - MAG NAIL W/DISK SET IN CENTERLINE OF RD AT PROP AT EL = 12.95' FEET
A/C IS LOWEST MACHINERY

Signature

Date 1-6-16

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E3. Attached garage (top of slab) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
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G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

Local Official's Name

Title

Community Name

Telephone

Signature

Date

Comments

☐ Check here if attachments.

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name FREDRICK LUNDIN

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
110 FAVRE ST

City Waveland

State MS

ZIP Code 39576

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
TAX PARCEL # (161M-0-11-066.000)

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential

A5. Latitude/Longitude: Lat. N 30-16-50 Long. W 89-22-19

Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 5

A8. For a building with a crawlspace or enclosure(s):

- a) Square footage of crawlspace or enclosure(s) NA sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade NA
c) Total net area of flood openings in A8.b NA sq in
d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:

- a) Square footage of attached garage NA sq ft
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade NA
c) Total net area of flood openings in A9.b NA sq in
d) Engineered flood openings? ☐ Yes ☒ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number
Waveland 285262

B2. County Name
Hancock

B3. State
MS

B4. Map/Panel Number
28045C-0363

B5. Suffix
D

B6. FIRM Index Date
10-16-09

B7. FIRM Panel
Effective/Revised Date
10-16-09

B8. Flood
Zone(s)
VE

B9. Base Flood Elevation(s) (Zone
AO, use base flood depth)
22

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.

☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source: _____

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: NA ☐ CBRS ☐ OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☒ Building Under Construction* ☐ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: LOCAL

Vertical Datum: NAVD 1988

Indicate elevation datum used for the elevations in items a) through h) below. ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

- a) Top of bottom floor (including basement, crawlspace, or enclosure floor) 24.0 ☒ feet ☐ meters
b) Top of the next higher floor NA ☒ feet ☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only) 23.0 ☒ feet ☐ meters
d) Attached garage (top of slab) NA ☒ feet ☐ meters
e) Lowest elevation of machinery or equipment servicing the building NA ☒ feet ☐ meters
(Describe type of equipment and location in Comments)
f) Lowest adjacent (finished) grade next to building (LAG) 13.1 ☒ feet ☐ meters
g) Highest adjacent (finished) grade next to building (HAG) 13.6 ☒ feet ☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support NA ☒ feet ☐ meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

☐ Check here if comments are provided on back of form.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

☐ Check here if attachments.

Certifier's Name Duke Levy

License Number 01722

Title Surveyor

Company Name Digital Engineering

Address 314 Coleman Ave

City Waveland

State MS

ZIP Code 39576

Signature

Date 5-12-15

Telephone 228-463-0130



ELEVATION CERTIFICATE, page 2

IMPORTANT: In these spaces, copy the corresponding information from Section A.		FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 110 FAVRE ST		Policy Number:
City Waveland	State MS ZIP Code 39576	Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments PROJECT # 100184/015
TBM - MAG NAIL W/DISK SET IN CENTERLINE OF RD AT PROP AT EL = 12.95' FEET

Signature  Date 5-12-15

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E3. Attached garage (top of slab) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name

Address	City	State	ZIP Code
Signature	Date	Telephone	
Comments			

☐ Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
-------------------	------------------------	---

- G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____
- G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____
- G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

Local Official's Name	Title
Community Name	Telephone
Signature	Date
Comments	

☐ Check here if attachments.

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name **FREDRICK J LUNDIN**

FOR INSURANCE COMPANY USE

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
110 FAVRE STREET

Company NAIC Number:

City **WAVELAND**

State **MS**

ZIP Code **39576**

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
TAX PARCEL ID # 161M-0-11-066.000

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)

A5. Latitude/Longitude: Lat. **30-16-51.4** Long. **89-22-19.3** Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number **5**

A8. For a building with a crawlspace or enclosure(s):

- a) Square footage of crawlspace or enclosure(s) **N/A** sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade **N/A**
c) Total net area of flood openings in A8.b **N/A** sq in
d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:

- a) Square footage of attached garage **N/A** sq ft
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade **N/A**
c) Total net area of flood openings in A9.b **N/A** sq in
d) Engineered flood openings? ☐ Yes ☒ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number
285262 WAVELAND

B2. County Name
HANCOCK

B3. State
MS

B4. Map/Panel Number
28045C0363

B5. Suffix
D

B6. FIRM Index Date
10/16/09

B7. FIRM Panel Effective/Revised Date
10/16/09

B8. Flood Zone(s)
VE

B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
22

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.

☐ FIS Profile ☐ FIRM ☐ Community Determined ☒ Other/Source: **DFIRM**

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?

Designation Date: **N/A** ☐ CBRS ☐ OPA ☐ Yes ☒ No

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☒ Construction Drawings* ☐ Building Under Construction* ☐ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: **LOCAL**

Vertical Datum: **NAVD-88**

Indicate elevation datum used for the elevations in items a) through h) below: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source:

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used:

- a) Top of bottom floor (including basement, crawlspace, or enclosure floor) **24.0** ☒ feet ☐ meters
b) Top of the next higher floor **N/A** ☒ feet ☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only) **23.0** ☒ feet ☐ meters
d) Attached garage (top of slab) **N/A** ☒ feet ☐ meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) **N/A** ☒ feet ☐ meters
f) Lowest adjacent (finished) grade next to building (LAG) **11.3** ☒ feet ☐ meters
g) Highest adjacent (finished) grade next to building (HAG) **12.1** ☒ feet ☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support **N/A** ☒ feet ☐ meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

☒ Check here if comments are provided on back of form.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

☐ Check here if attachments.

Certifier's Name **DONALD E RIED**

License Number **3037**

Title **LAND SURVEYOR**

Company Name **RIED AND ASSOCIATES LLC**

Address **608 SUNSET DRIVE**

City **BAY ST LOUIS**

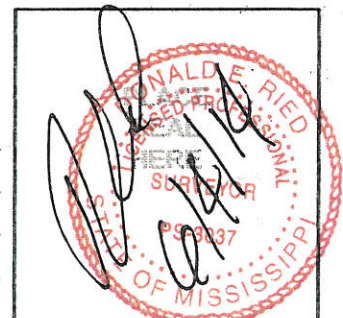
State **MS**

ZIP Code **39520**

Signature

Date **06/04/14**

Telephone **228 205-4007**

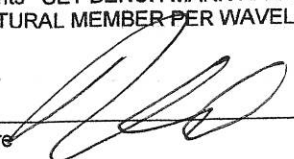


IMPORTANT: In these spaces, copy the corresponding information from Section A.		FOR INSURANCE COMPANY USE	
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 110 FAVRE STREET		Policy Number:	
City WAVELAND	State MS ZIP Code 39576	Company NAIC Number:	

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments SET BENCH MARK NAIL IN POWER POLE MARKED WITH ORANGE FLAGGING AT 13.04 FEET. ADDED 1 FOOT TO BOTTOM STRUCTURAL MEMBER PER WAVELAND BUILDING DEPARTMENT.

Signature  Date 06/04/14

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).

a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name _____

Address _____	City _____	State _____	ZIP Code _____
Signature _____	Date _____	Telephone _____	

Comments _____

☐ Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number _____	G5. Date Permit Issued _____	G6. Date Certificate Of Compliance/Occupancy Issued _____
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G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

Local Official's Name _____	Title _____
Community Name _____	Telephone _____
Signature _____	Date _____

Comments _____

☐ Check here if attachments.

V-ZONE CERTIFICATE

Name: Frederick and Jill Lundin
Building Address or
Other Description: 110 Favre Street
City: Waveland

Policy Number (*Insurance Co. Use*):

State: Mississippi

Zip Code: 39576

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community Number: 28045C Panel Number: 0363 Suffix: D Date of FIRM Index: 10/16/09 FIRM Zone: VE 22

SECTION II: Elevation Information

Note: This Certificate does not substitute for an Elevation Certificate

1. Elevation of the Bottom of Lowest Horizontal Structural Member.....23.0 feet (NAVD)
2. Base Flood Elevation (BFE).....22.0 feet (NAVD)
3. Elevation of Lowest Adjacent Grade..... 11.3 feet (NAVD)
4. Approximate Depth of Anticipated Scour/Erosion used for Foundation Design..... 1.5 feet
5. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade..... N/A feet

SECTION III: V-Zone Certification Statement

Note: This section must be certified by a registered engineer or architect

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the design and methods of construction to be used are in accordance with accepted standard of practice for meeting the following provisions:

- The bottom of the lowest horizontal structural member of the lowest floor (excluding piles and columns) is elevated to or above the BFE; and
- The pile and column foundation and structure attached thereto is anchored to resist flotation, collapse, and lateral movement due to the effects of the wind and water loads acting simultaneously on all building components. Water loading values used are those associated with the base flood. Wind loading values used are those required by the applicable State or local building code. The potential for scour and erosion at the foundation has been anticipated for conditions associated with the base flood, including wave action.

SECTION IV: Breakaway Wall Certification Statement

Note: This section must be certified by a registered engineer or architect

When breakaway walls exceed a design safe loading resistance of 20 pounds per square foot

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the design and methods of construction to be used for the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:

- Breakaway wall collapse shall result from a water load less than that which would occur during the base flood; and
- The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (wind and water loading values to be used are defined in Section III).

SECTION V: Certification

Signature below certifies: X Section III; X Section IV

Certifiers Name: Stuart Williamson, P.E., C.F.M.
Title: Civil Engineer
Address: P.O. Box 3145
City: Bay St Louis

Company Name:
License Number: 13199

State: Mississippi

Zip Code: 39524

Signature: 
FS No. 5 - V-Zone Design and Construction Certification

Date: 06/01/14 Telephone Number: (228) 243-4066
Home Builders Guide to Coastal Construction 08/05



V-ZONE CERTIFICATE

Name: Frederick and Jill Lundin
Building Address or
Other Description: 110 Favre Street
City: Waveland

Policy Number (*Insurance Co. Use*):

State: Mississippi

Zip Code: 39576

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community Number: 28045C Panel Number: 0363 Suffix: D Date of FIRM Index: 10/16/09 FIRM Zone: VE 22

SECTION II: Elevation Information

Note: This Certificate does not substitute for an Elevation Certificate

1. Elevation of the Bottom of Lowest Horizontal Structural Member.....23.0 feet (NAVD)
2. Base Flood Elevation (BFE).....22.0 feet (NAVD)
3. Elevation of Lowest Adjacent Grade..... 11.3 feet (NAVD)
4. Approximate Depth of Anticipated Scour/Erosion used for Foundation Design..... 1.5 feet
5. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade..... N/A feet

SECTION III: V-Zone Certification Statement

Note: This section must be certified by a registered engineer or architect

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the design and methods of construction to be used are in accordance with accepted standard of practice for meeting the following provisions:

- The bottom of the lowest horizontal structural member of the lowest floor (excluding piles and columns) is elevated to or above the BFE; and
- The pile and column foundation and structure attached thereto is anchored to resist flotation, collapse, and lateral movement due to the effects of the wind and water loads acting simultaneously on all building components. Water loading values used are those associated with the base flood. Wind loading values used are those required by the applicable State or local building code. The potential for scour and erosion at the foundation has been anticipated for conditions associated with the base flood, including wave action.

SECTION IV: Breakaway Wall Certification Statement

Note: This section must be certified by a registered engineer or architect

When breakaway walls exceed a design safe loading resistance of 20 pounds per square foot

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the design and methods of construction to be used for the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:

- Breakaway wall collapse shall result from a water load less than that which would occur during the base flood; and
- The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (wind and water loading values to be used are defined in Section III).

SECTION V: Certification

Signature below certifies: X Section III; X Section IV

Certifiers Name: Stuart Williamson, P.E., C.F.M.
Title: Civil Engineer
Address: P.O. Box 3145
City: Bay St Louis

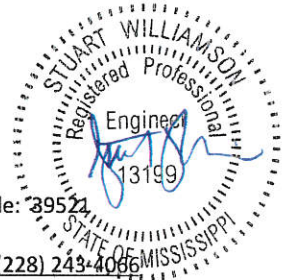
Company Name:
License Number: 13199

State: Mississippi

Zip Code: 39521

Signature: 

Date: 06/01/14 Telephone Number: (228) 243-4086
Home Builders Guide to Coastal Construction 08/05



WAVELAND

NONCONVERSION AGREEMENT

With
CITY OF WAVELAND, MISSISSIPPI

This DECLARATION made this 13th day of May, 2016 by Frederick Lundin
("Owner") having an address at _____

WITNESSETH:

WHEREAS, the Owner is the record owner of all that real property located at
110 FAVRE STREET in the City of Waveland, Ms. in the County of Hancock,
designated in the Tax Records as 161M-0-11-066.000

WHEREAS, the Owner has applied for a permit to place a structure on that property that has an
enclosed area below the base flood elevation constructed in accordance with the requirements of
Article No. 5, Section "B" paragraph 5 of the Waveland Floodplain Management Ordinance of Number
342 and under Permit Number 17395

WHEREAS, the Owner agrees to record this DECLARATION and certifies and declares that the
following covenants, conditions and restrictions are placed on the affected property as a condition of
granting the Permit, and affects rights and obligations of the Owner and shall be binding on the Owner,
his heirs, personal representatives, successors, future owners, and assigns.

UPON THE TERMS AND SUBJECT TO THE CONDITIONS, as follows:

1. The structure or part thereof to which these conditions apply is:
2. At this site, the Base Flood Elevation is 22' feet above mean sea level, National Geodetic Vertical Datum.
3. Enclosed areas below the Base Flood Elevation shall be used solely for parking of vehicles, limited storage, or access to the building. All interior walls, ceilings and floors below the Base Flood Elevation shall be unfinished or constructed of flood resistant materials. Mechanical, electrical or plumbing devices shall not be installed below the Base Flood Elevation.
4. The walls of the enclosed areas below the Base Flood Elevation shall be equipped and remain equipped with openings as shown on the Permit.
5. The jurisdiction issuing the Permit and enforcing the Ordinance may take any appropriate legal action to correct any violation. Any alterations or changes from these conditions also may render the structure uninsurable or increase the cost for flood insurance.
6. A duly appointed representative of the City is authorized to enter the property for the purpose of inspecting the exterior and interior of the enclosed area to verify compliance with this Declaration. Such inspections will be conducted upon due notice to the Owner and no more frequently than once each year. More frequent inspections may be conducted if an annual inspection discovers a violation of the Permit.
7. Other conditions:

In witness whereof the undersigned set their hands and seals this 13th day of May, 2016

Frederick Lundin (Seal)
Owner

Witness

State of Mississippi
County of Hancock

Personally appeared before me, the undersigned
authority in and for the said county and state, on
this 13th day of May, 2016, within
my jurisdiction, the within named, Frederick Lundin
who acknowledged that He executed and
delivered the above and foregoing instrument.

Timothy A. Kellar
Chancery Clerk
By: Shelbi Danich DC



My Commission Expires Dec. 31, 2019